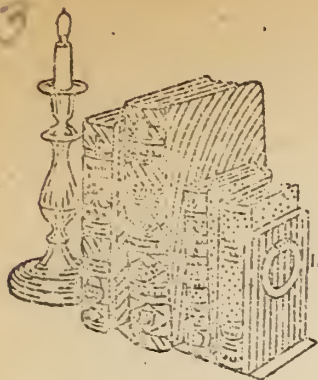


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

ALBUQUERQUE BRANCH
P.O. BOX 1348

Phone 6741-Ext. 108
Vol. 6, Nos. 11-12

220 East Central
May & June 1948

NEW BOOKS

ARTICLE WRITING AND MARKETING, by G. L. Bird. 485 p. Rinehart 1948 238 R53A

Helpful suggestions on choosing a subject, writing, preparing and marketing the manuscript. Particular attention is given to the short item or "filler" and there is a chapter on marketing photographs. Lists of beginners' best magazine markets, syndicate markets, markets for shorts and fillers, and photographic syndicates are given in the appendixes. The book will be of particular interest to those doing information and education work

ATOMIC ENERGY IN COSMIC AND HUMAN LIFE, by George Gamow. 161 p. Macmillan 1947 334 G14

A book for those who are trying to understand the stupendous power and implications of atomic energy. It is a popular account answering the questions: What is it? Where did it come from? How can it be used for better or worse? The drawings of various nuclear processes help make the complicated physical aspects of the subject understandable.

CHEMICAL COMPOSITION OF PLANTS AS AN INDEX OF THEIR NUTRITIONAL STATUS, by D. W. Goodall and F. G. Gregory. Imperial Bureau of Horticulture and Plantation Crops. Tech. Comm. no. 17. 167 p. 1947 34 Im72

An exhaustive review of methods of diagnosis of the mineral nutrient requirements of plants. Discusses diagnostic plant analysis, theoretical considerations involved, techniques employed in laboratory diagnosis, methods of reporting and interpreting results, factors that affect the accuracy of the diagnosis, comparisons of results of plant analysis with those obtained by plot tests, soil analysis, and field observed deficiency systems.

CHEMICAL INSECT ATTRACTANTS AND REPELLENTS, by V. J. Dethier. 289 p. Blakiston 1947 423 D484

This book presents a theoretical basis for the study of insect attractants and repellents in an attempt to replace the procedures that have long been used. The ten chapters include consideration of the nature of chemical attractants, essential oils and related substances, fermentation products, protein and fat decomposition products, olfactometers and threshold concentrations. There is also information on baits and traps, repellents, chemical basis of taste and olfaction, and evolution of feeding preferences.

DOUGLAS OF THE FIR; A BIOGRAPHY OF DAVID DOUGLAS, BOTANIST, by A. G. Harvay. 290 p. Harvard Univ. press 1947 120 D74H

The biography of a botanist and an intrepid explorer who combed the wilderness for botanical specimens and introduced more than two hundred plants. This account of Douglas' diversified activities and strange adventures will be read with particular interest by botanists and foresters.

THE FERTILITY AND MANAGEMENT OF IRRIGATED SOILS, By D. W. Thorne. Preliminary draft. 241 p. Dept. of Agronomy, Utah State Agr. College 1947 56.7 T393

This book will be welcomed by the soil scientists, agronomists, farm planners and agricultural technicians in this region for it deals with the problems of irrigation agriculture. In the past ten years great advances have been made in research related to the management of irrigated soils. This information has been gathered from many sources and presented here in textbook form.

FOREST INFLUENCES; THE EFFECTS OF WOODY VEGETATION ON CLIMATE, WATER, AND SOIL, WITH APPLICATIONS TO THE CONSERVATION OF WATER AND THE CONTROL OF FLOODS AND EROSION, By Joseph Kittredge. 394 p. McGraw-Hill 1948 99.36 K65

In this new forestry book the author brings together the widely scattered information on the value of forests and shrubs as a protective covering for the land. He analyses their basic physical relations to climate, water, and soil, and evaluates their usefulness and the possibilities in their management for the reduction of floods and erosion and the production of maximum yields of usable water.

FUR FARMING FOR PROFIT, by F. G. Ashbrook. 429 p. Orange Judd 1948 412.62 As3

The author as a member of the Department of Agriculture and later the Department of the Interior has guided and stimulated fur farming from its infant stage to its present status as an important agricultural enterprise. He has written a useful and practical book covering all phases of fur farming. There are chapters on history and development of the industry, selecting a site, breeding, feeding, prevention and treatment of disease, marketing and exhibition. Separate chapters are devoted to the major fur animals: fox, mink, skunks, raccoons, muskrats, chinchillas and others.

THE GRASSLAND OF NORTH AMERICA, PROLEGOMENA TO ITS HISTORY, by J. C. Malin. 398 p. Lawrence, Kan., 1947 463.89 M29

The book is divided into two parts, the first of which deals with sciences and regionalism and the second with historiography. In the first part, consideration is given to ecology, climatology, geology, odaphology, grass formations, early explorations, and factors in grassland equilibrium. The second part is largely concerned with the pioneering work of such men as Josiah Strong, N. S. Shaler, E. W. Hilgard, F. H. King, H. L. Shantz, and Isiah Bowman. A bibliography of some 1500 references is appended. The book contains some highly interesting and informative material and will be of special interest to agricultural workers in the grassland area. From a review in Soil Science February 1948.

THE GREEN WORLD OF THE NATURALISTS. A TREASURY OF FIVE CENTURIES OF NATURAL HISTORY IN SOUTH AMERICA. 392 p. Greenberg c1948 WFC

Mr. von Hagen has chosen representative selections from the works of Humboldt, Darwin, Bates, Bocbe, Tomlinson and twenty other outstanding naturalists. Together they unfold a panorama of the wonders of South America: the humid forests of the Amazon, the icy Andes, the sun-baked llanos, the isles of the Galápagos, the plains of Patagonia, and the sea and the jungle.

HOW TO GET THINGS DONE, by David Seabury. 278 p. Halcyon House 1948 140 Sol

You can accomplish anything if you know how to begin. The author, a well known psychologist, has developed a technique of accomplishment and in this book he points out how you may apply it to your daily life in the office and in the home.

INSECTS AND HUMAN WELFARE, by C. T. Bruos. 154 p. Rev. ed. Harvard Univ. press 1947 423 B832

The author deals primarily with man's insect enemies, and with those insects which, preying on destructive species, are at least secondarily beneficial. Insects as disease carriers, as enemies of agriculture and forestry, and as household pests are described and the various methods of control are discussed.

MANAGEMENT CONTROL IN SELECTION FOREST, by H. Knuchol. 32 p. Imperial Forestry Bureau. Tech. Comm. no. 5 1946 99.9 Im7

Forest management methods in France and Germany are described. The author concludes that more or less uneven-aged, mixed forest stands, are healthier and more resistant to external dangers than are pure, even-aged stands. He points out that management control in irregular stands can best be attained with caliper measurements at intervals of 6 to 10 years, and that the best method of volume and increment control is the 'méthode du contrôle' described in 1878 by A. Gurnaud.

MANUAL OF INSTRUCTIONS FOR THE SURVEY OF THE PUBLIC LANDS OF THE UNITED STATES.

U.S. Bureau of Land Management. 613 p. U.S. Govt. print. off. 1947 156.56 M31

A manual for guidance in the execution of cadastral surveys or resurveys, including the preparation of field notes and plats. The 1947 Manual supersedes all previous instructions or regulations on this subject.

OUR LIVING FORESTS, THE STORY OF THEIR PRESERVATION AND MULTIPLE USE, by Joseph T. Hazard. 302 p. Superior Pub. co. 1948 99.61 H33

Under scientific well-planned forest management we may use our forests yet preserve them for the future. "Forests in the natural state are beautiful, yet prodigal and wasteful", the author writes. "Forests, developed under modern forestry, may be as beautiful, even more dependable, and certainly more valuable for the forest needs of mankind." Those he lists as forest industries, grazing, mining, water resources, wild life, and recreation. The multiple use of trees and forests is the message of this author who has spent most of his life among the forests of the West.

POISONOUS DWELLERS OF THE DESERT, by Natt N. Dodge. 44 p. Southwestern Monuments Assn. Popular series no. 3 1947 411.2 D66

This well illustrated pamphlet discusses the various poisonous dwellers of the desert, and debunks some of the superstitions and misunderstandings which have been built up about several harmless creatures.

SOILLESS GROWTH OF PLANTS, by C. Ellis and M.W. Swaney. 2d ed. rev. and enl. by Tom Eastwood. 277 p. Reinhold 1947 90.15 EL5

This book supplies complete information as to the mechanical details of constructing and maintaining soilless growth units of all sizes. The text is supplemented with detailed diagrams giving explicit directions for the operation of such units. It also gives a thorough discussion of the makeup and control of nutrient solutions, the names and addresses of the manufacturers of the chemicals and equipment required, and the most successful methods and techniques.

AGRICULTURAL ENGINEERING FIELD NOTE BOOK FOR TERRACING AND DRAINAGE, by Dan Scoates (124 p. 16th ed. College Station, Texas 1947 325 Sco3) is in the form of an exercise notebook and handbook for college students in agricultural engineering. However the last thirty pages of the book consist of concise instructions for performing some of the simpler operations of surveying, including adjustment of levels and staking gradient ditches.

It is believed that many newly appointed conservation aids will find the booklet helpful in learning the use of the level and tape in their layout problems.

Comment by Evan Carroon, Soil Conservation Servi

PERIODICAL NOTES

Work on the revised periodical circulation lists is going ahead as rapidly as possible. Two hundred and eighty lists have been received to date and there are 1492 new entries to be made. This takes time so do not be discouraged if the titles you requested have not started coming - they will soon.

If you have not sent in your list please do so at once so that your name may be added to the lists in its proper geographical order.

Many of the periodicals now have several long routing lists and it takes months for them to make the rounds so please pass all periodicals on as quickly as possible. Remember the loan period on current periodicals is THREE DAYS, but send them along sooner if you can. The fellow at the end of the list will appreciate it.

You can save the time spent in reviewing many periodicals by checking the Bibliography of Agriculture regularly for articles of interest. Do you know that free photoprint copies of periodical articles, up to fifty pages, are supplied free of charge to Department of Agriculture employees? When checking the Bibliography note all of the information given in the entry (the author, title, periodical, call number and so forth) on a library request form AD-245. Give your name, agency and address in the left hand margin of the form. Slip the AD-245 into a franked envelop and mail it to the Albuquerque Branch. If we have the title requested in our files we will send it to you immediately. If not we will send your request to Washington and the publication, usually a photoprint of a periodical article, will be sent to you direct. The photoprints may be discarded when they have served their purpose - they are not to be returned to the library.

Order a supply of the library request form AD-245 from your supply center. This is a standard government form and should be in every Department of Agriculture office. Keep a pad of these on your desk to use when checking the Bibliography of Agriculture, the Library Newsletter, and the other lists you review regularly.

Have you read the article "Public Information Activities of Government Agencies" by Dick Fitzpatrick? E. L. Porry (FS Region 3) says "This should be required reading for every Government Administrator!" The article was published in the Public Opinion Quarterly, Winter 1947/48. We have a photoprint copy for loan.

NEW BULLETINS

AGRICULTURAL ECONOMICS

AGRICULTURAL FINANCING THROUGH THE FARM CREDIT ADMINISTRATION. U.S. Farm credit adm.
Circular 5 Rev. 1947 166.2 C49

THE BALANCE SHEET OF AGRICULTURE 1947. USDA Misc. Pub. 642 1948 1 Ag84M

THE COST OF PRODUCTION OF EGGS AND PULLETS IN SOUTHERN ARIZONA. Ariz. Agr. Exp. Sta.
Bul. 208 Rev. 1947 100 Ar4B

CROP PRODUCTION. U.S. Bur. of Agr. Econ. 1947. 1.9 St2Cp. 1947 Annual Summary of
acreage, yield, and production of principal crops by states.

AN ECONOMIC ANALYSIS OF PUBLIC GRAZING PROBLEMS IN CENTRAL UTAH. U.S. Intermountain
For. and Range Exp. Sta. Research paper no. 15 1948 1.9622 I2R31

EFFECT OF ORGANIZATION ON NET INCOME, PECOS VALLEY FARMS 1946. N.M. Agr. Exp. Sta.
Press bul. no. 1015 1947 100 N46S

FARM INCOME, DONA ANA COUNTY, 1946. N.M. Agr. Exp. Sta. Press bul. 1016. 1947.

FARM INCOME, MESILLA VALLEY, NEW MEXICO, 1947. N.M. Agr. Exp. Sta. Press bul. no.
1019 1948 100 N46S

FARM INCOMES IN THE PECOS VALLEY, NEW MEXICO 1947. N.M. Agr. Exp. Sta. Press bul.
no. 1018 1947 100 N46S

THE FARM REAL ESTATE SITUATION 1946-47. USDA Circ. 780 1948 1 Ag84C

INCOMES ON TYPICAL FARMING SYSTEMS IN TORRANCE COUNTY, 1946. N.M. Agr. Exp. Sta.
Press bul. no. 1017 1947 100 N46S

LONG-TERM ADJUSTMENT PROBLEMS OF AGRICULTURE IN THE FAR WEST. U.S. Bur. of Agr. Eco.
1947 1.941 A2H36

LONGER STAPLE WOOL INCREASES INCOME. N.M. Agr. Exp. Sta. Press bul. 1010 100 N46S

RESEARCH AS AN AID TO COTTON AND COTTONSEED IN MAINTAINING MARKETS. U.S. Southern-
regional research lab. AIC-185 1948 1.932 A2Ag82

ENTOMOLOGY

THE AIRPLANE IN INSECT CONTROL. Utah Ext. Serv. M.S. 673 1946 275.29 Utlm

CLIMBING CUTWORMS. Utah Ext. Serv. M.S. 677 1947 275.29 Utlm

CORN EARWORM RESISTANCE IN SWEET CORN INBREDS AND HYBRIDS. U.S. Bur. of Ent. and
Plant Quar E-745 1948 1.9 En83

DECAY AND TERMITE DAMAGE IN HOUSES. USDA F. B. 1993 1948 1 Ag84F

THE FLIES THAT CAUSE MYIASIS IN MAN. USDA Misc. Pub. 631 1947 1 Ag84M

PROTECTION AGAINST FOREST INSECTS AND DISEASES IN THE UNITED STATES. U.S. Forest
Service 1947 1.962 A2R297

RECENT ADVANCES IN SPRAY PRACTICES FOR MAINE APPLE ORCHARDS. Maine Agr. Exp. Sta.
Bul. 457 1948 100 H285b

A REVIEW OF DDT FORMULATIONS. U.S. Bur. of Ent. and Plant Quar. E-742. 1948

THE FARM HOME

ARRANGEMENT OF FURNITURE. Ky. Ext. Circ. 450 1948 275.29 K41C

CLOTHES CLOSETS. Wisc. Ext. Serv. Stencil Circ. 256 1947 275.29 W75St

COLOR IN YOUR HOME. Wisc. Ext. Serv. Stencil Circ. 258 1947 275.29 W75St

ELECTRIC FILTER SYSTEMS FOR FARMS. Ky. Ext. Circ. 452 1948 275.29 K41C

FARM BUILDING PLANS. Ky Ext. Circ. 397 Rev. 1948 275.29 K41C

FURNITURE ARRANGEMENT FOR COMFORT, INTEREST AND HOSPITALITY. Wisc. Ext. Serv.
Stencil Circ. 264 1947 275.29 W75St

PREFABRICATED HOMES (Basic Information Sources) U.S. Office of Domestic Commerce
1948 (A list of publications)

PROTECTION OF RUSTIC FINISHES AGAINST MOLD ATTACKS. U.S. Northern Rocky Mountain
Forest and Range Exp. Sta. Research note no. 61. 1948 1.9622 N3R31

REFINISHING FURNITURE AT HOME. Wisc. Ext. Serv. Stencil Circ. 255. 1947 275.29 W75St

SOIL-CEMENT MIXTURES, Laboratory handbook. Portland cement assn. c1946

A STEP-SAVING U KITCHEN. USDA Misc. Pub. 646 1948 1 Ag84M

THE FARM HOME (Cont.)

WHEN YOU REMODEL YOUR HOME. Wisc. Ext. Serv. Spec. Circ. 1947
YOUR FARMHOUSE.. INSULATION AND WEATHERPROOFING. USDA Misc. Pub. 633 1948 1 Ag84M
YOUR FARMHOUSE.. PLANNING THE BATHROOM. USDA Misc. Pub. 638 1948 1 Ag84M

FORESTRY

BASIC FOREST STATISTICS FOR THE UNITED STATES AS OF BEGINNING OF 1945. U.S. Forest Service 1946 1.962 B29 (Preliminary data from the reappraisal project)
CARE AND CULTURE OF FARM WOODLOTS. N.Y (Cornell) Ext. Bul. 716 1947 275.29 W48E
COMMON DISEASES OF IMPORTANT SHADE TREES. USDA F.B. 1987 1948 1 Ag84F
EFFECT OF BARK GROWTH IN MEASUREMENT OF PERIODIC GROWTH OF INDIVIDUAL TREES. U.S. Northern Rocky Mountain Forest and Range Exp. Sta. Research note 60. 1948.
HIGHLIGHTS IN THE HISTORY OF FOREST CONSERVATION. U.S. Forest Service. 1948
MANAGING THE SMALL FORESTS. USDA F. B. 1989, Rev. 1948 1 Ag84F
ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION. Annual report for 1947.
SOUTHWESTERN FOREST AND RANGE EXPERIMENT STATION. Annual report for 1947.
STUMPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1945. USDA Stat. bul 82. 1948 1 Ag84St
TABLES FOR APPROXIMATING VOLUME GROWTH OF INDIVIDUAL TREES. U.S. Northern Rocky Mountain Forest and Range Exp. Sta. Station paper 11. 1948 1.9622 N3St1
TREE PLANTING IN THE CENTRAL, PIEDMONT, AND SOUTHERN APPALACHIAN REGIONS. USDA F.B. 1994 1948 1 Ag84F

THE RANGE

IS ROTATIONAL GRAZING ON NATIVE RANGE PRACTICAL? N.C. Agr. Exp. Sta. Bul. 360 1947
SEEDING AS A MEANS OF REFORESTATION IN THE NORTHERN ROCKY MOUNTAIN REGIONS. USDA CIRC. 772 1948 1 Ag84C
SEEDING SOUTHERN IDAHO RANGE LANDS BY AIRPLANE. U.S. Intermountain Forest and Range Experiment Station, Res. Paper 16 1948 1.9622 I2R31
VEGETATIVE CHARACTERISTICS OF SOME WILD FORMS OF SACCHARUM AND RELATED GRASSES. USDA Tech. Bul. 951 1948 1 Ag84To
YOUR SHARE IN INCREASING PRODUCTIVITY OF COLORADO'S RANGES. Colo. Ext. Circ. 157-4 1948 275.29 C71C

SOILS AND FERTILIZERS

AMMONIUM NITRATE FOR CROP PRODUCTION. USDA Circ. 771 1948 1 Ag84C
DIAGNOSIS AND IMPROVEMENT OF SALINE AND ALKALI SOILS. U.S. Reg. Salinity Laboratory, Riverside, California 1947 1.965 L2D542
EFFECT OF FERTILIZERS ON SOIL ACIDITY AND ALKALINITY. Okla. Agr. Exp. Sta. Bul B-312 1947 100 Ok4b
EFFECT OF GYPSUM, ORGANIC MATTER, AND DRYING ON INFILTRATION OF A SODIUM WATER INTO A FINE SANDY LOAM. USDA Tech. Bul 937 1948 1 Ag84To
EFFECTS OF CERTAIN CULTURAL TREATMENTS ON ORCHARD SOIL AND WATER LOSSES AND ON APPLE TREE GROWTH. Ia. Agr. Exp. Sta. Bul. 493 1948 100 I38b
INFLUENCE OF COMMERCIAL FERTILIZERS ON IDAHO POTATOES. Idaho Agr. Exp. Sta. Bul. 265 1945 100 Id1b
OKLAHOMA CROPS AND SOILS 1947. Okla. Agr. Exp. Sta. Bul. B-319 1948 100 Ok4b (Research reported at the Second annual Oklahoma crops and soils conference.)
OUR SOIL, IT WILL BE CONSERVED. U.S. Dept. of Agr. Amer. Farmer radio program. 1.914 R2R11
SOIL TESTING, INTERPRETATION, AND APPLICATION. Ia. Agr. Exp. Sta. Bul. 398 1940 100 I38b
USE OF FERTILIZER AND SUPPLEMENTAL MATERIALS IN THE PRODUCTION OF BERMUDA ONIONS. Texas Agr. Exp. Sta. prog. rept. 1096 1947 100 T31ir

